APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Welding of Gears Under Protection of Carbon Dioxide, UNCLASSIFIED

RUSSIAN, per, Svarochnoye Proizvodstvo, No 3, 1956, pp 20-22.

Co-op Tr Scheme
Tr 729

Sci - Eng
Jul 58

67673

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

"Technology of Arc Welding of Light-Gage Sheet Steel in a Carbon-Dioxide Atmosphere," by F. E. Tret'yakov, et al.

RUSSIAN, mo per, Svarochnoye Proizvodstvo, No 5, May 1956, pp 20-22.

Henry Brutcher
Tr No 3779
$4.75 45,136

Sci. - Engineering; Min/Metals
Mar 1957 CRS/dex

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Fatigue Strength of Steel Plates With Welded-on Inserts, by I. V. Kudryavtsev, N. A. Balabanov.

RUSSIAN, mo per, Svarochnoye Proizvodstvo, No 6, Jun 1956, pp 1-5.

Henry Brutcher Tr No 3894
$4.90

47,045

Sci - Min/Metals
Apr 1957 CTS/dex

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

THE PROBLEM OF THE STRENGTH OF METALS WHILST SOLIDIFYING DURING WELDING, BY N. N. PROKHOROV.

RUSSIAN, PER, SVAROCHNOE PROIZ, NO 6, 1956, PP 5-11.

NLL RTS 2062

SCI - M/M

OCT 62

214,802

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Torsion Testing of Spot Welds, by B. D. Orlov, P. L. Chuloshnikov.

RUSSIAN, mo per, Svarochnoye Proizvodstvo, No 6, Jun 1956, pp 20, 21.

Henry Brutcher
Tr 3895
$2.75

Sci - Min/Metals, metallurgy
Aug 57

50,727

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Torsional Test of Welded Spots, by S. I. Orlov, P. I. Chulochnikov

RUSSIA., Per, Svarochnoye Proizvodstva, No. 6, 1956, pp 20-21.

*FTD-MT-62-76

Sci/Engr
Dec 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Verchenko, V. R., Petrov, A. V., and Baranov, M. I.

[AUTOMATIC WELDING OF FIXED POSITION PIPE FITTINGS (Avtomaticheskaya Svarka Nepovorotnykh Stykov Trub)]. [1962] [14]p.

Order from OTS or SLA $1.60 62-20133

Trans. of Svarochnoe Proizvodstvo (USSR) 1956, no. 6, p. 22-26.

A trans. in Spanish is available from OTS or ETC $1.55 as 62-26265, CID 62-65, 22p.

DESCRIPTORS: *Pipe fittings, *Welding, Automatic.

(Metallurgy, TT, v. 9, no. 11)

62-20133

I. Verchenko, V. R.
II. Petrov, A. V.
III. Baranov, M. I.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Automatic Argonarc Welding of Stainless Steels With Consumable Electrodes in Various Positions, by A. M. Akulov, N. Yu. Pal'chuk.

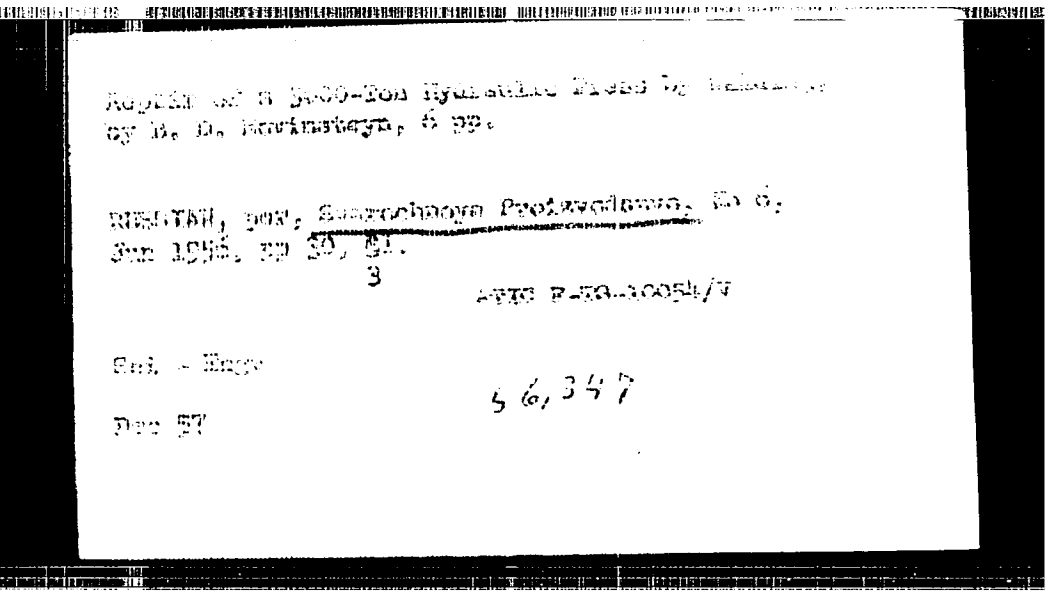
RUSSIAN, mo per, Svarochnoye Proizvodstvo, No 6, Jun 1956, pp 27-29.

Henry Brutcher
Tr 3906
$3.90

Sci - Min/Metals,metallurgy 50,732
Aug 57

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9



Report on a 3x30-Ton Hydraulic Press by Engineers
by H. D. Hershberger, 6 pp.

RIGHTAW, Jon; Guernsey Publications, Co
Jun 1958, pp 29, 31.

3

Appr P-58-10054/7

Eng. - Prop

56,347

Dec 57

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Novozhilov, N. M. and Sokolova, A. M.
CO_2-SHIELDED SPOT WELDING. [1962] 10p. 4 refs.
Order from OTS or SLA $1.10 62-20021

Trans. of Svarochnoe Proizvodstvo (USSR) 1956 [no. 7] p. 10-13.

DESCRIPTORS: *Spot welding, *Carbon dioxide, Fluxes (Fusion), Joints.

The spot welds made with this method have, compared to similar welds made with the submerged arc process, a more desirable shape as far as depth of fusion and weld reinforcement is concerned. With the CO_2-shielded spot welding process sheets of greater thickness can be spot welded than with the flux process. The strength of CO_2-shielded spot welds is no way inferior to that of flux-shielded spot welds. (Author)

(Metallurgy, TT, v. 9, no. 12)

62-20021

I. Novozhilov, N. M.
II. Sokolova, A. M.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Comparitive Effectiveness of Weld Inspection With Various Radioisotopes, by A. S. Fal'kevich, I. E. Neifel'd.

RUSSIAN, per, Svarochn Proiz, No 9, 1956, pp 23, 24.

HB 4492

Sci - Engr

May 60

116,547

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Savchenkoi, V. A.
[THE MEANS OF COMBATTING THE POROSITY AND THE FORMATION OF WELD CRACKING ENCOUNTERED IN FLUX-SHIELDED AUTOMATIC ALUMINUM WELDING] (Bor'ba s Porami i Goryachimi Treshchinami pri Avtomaticheskoi Svarke Alyuminiya). [1962] [14]p. 6 refs.
Order from OTS or SLA $1.60 62-20132

Trans. of Svarochnoe Proizvodstvo (USSR) 1956, no. 10 [p. 9-13].

DESCRIPTORS: *Aluminum, *Welding, Welding fluxes, *Welds, Fracture (Mechanics), Porosity.

The mechanical properties of aluminum joints made by flux-shielded automatic welding are not different from those made by gas welding, manual arc welding, and automatic argon-shielded arc welding. The principal
(Metallurgy, TT, v. 10, no. 1) (over)

62-20132

I. Savchenkoi, V. A.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Properties of Welds Made Under Argon and Carbon Dioxide, by E. M. Eskin, E. P. Pogozhin, N. M. Novoshilov.

RUSSIAN, mo per, Svarochnoye Proizvodstvo, No 1, Jan 1957, pp 15-17.

Henry Brutcher Tr 3947
$4.90

Sci - Min/Metals, Chem
Aug 57

50,650

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Pashkov, I. V. and Lyulenkov, G. G.
FIRST APPLICATIONS OF ALUMINUM SUBMERGED ARC WELDING. [1962] [7]p.
Order from OTS or SLA $1.10 62-20043

Trans. of Svarochnoe Proizvodstvo (USSR) 1957 [no. 1] p. 18-20.

DESCRIPTORS: *Arc welding, *Aluminum, Welded joints, Welding fluxes.

(Metallurgy, TT, v. 9, no. 7)

62-20043

1. Pashkov, I. V.
II. Lyulenkov, G. G.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

X-Ray Inspection of Spot-Weld Assemblies of High-Strength Aluminium Alloys, by B. D. Orlov, et al.

RUSSIAN, per, Svarochnoy Proiz, No 1, 1957, pp 20-24.

NLL/NIS 1977

Sci --Min/Met

Apr 62

193, 824

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Stability of Electroslag Welding as Depending on Properties of Flux, by Yu. N. Gotal'skiy.

RUSSIAN, per, Svarochnoe Proizvodstvo, No 3, 1957, pp 1-3.

4426
Henry Brutcher
$5.85

Sel - Engr

Jan 59

79,596

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Strength of Spot and Roller Welded BT1 Titanium Joints, by B. D. Orlov, 6 pp.

RUSSIAN, per, Svarochnoye Proizvodstvo, No 5, 1957, pp 19-22.

CIA/FDD X-3037

Sci - Minerals/Metals
Aug 58

70,988

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Strength of BT1-A Titanium and Its Welded Joints at Various Temperatures, by M. A. El'yasheva, F. E. Tret'yakov, 5 pp.

RUSSIAN, per, Svarochnoye Proizvodstvo, No 5, 1957, pp 22-24.

CIA/FDD X-3033

Sci - Chemistry
Aug 58

73,984

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Investigation of Weldability and Technology of Welding of Rolled Electroplated Steel, by E. M. Kuzmak, N.P. Karmazinov.

RUSSIAN to GERMAN, per, Svarochnoye Proiz, No 7, 1957, pp 5-9.

ID-U 709

Institut fuer Dokumentation-
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Berlin, W 8
Unter den Linden 8

Dec 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Improvement of Quality of Weld Metal, by A. A. Alov, V. S. Vinogradov.

RUSSIAN, per, Svarochnoe Proiz, No 7, Jul 1957, pp 9-10.

Brutcher Tr 4116
$2.75

Sci - Electronics

Sep 58

72,593

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Anlage fuer die Automatische Laengsnahtschweissung Duennwandiger Rohre, by A. W. Meier. (unpubl tr)

RUSSIAN to GERMAN, per, Svaroch Proiz, No 7, 1957, pp 28, 29.

IDU 696
Institut fuer Dokumentation
Uebersetzungsnachweis
Berlin, W 8
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Apr 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Arch Welding With Various Shielding Gases, by A. V. Petrov.

RUSSIAN, per, Svarochnoye Proizvodstvo, No 8, 1957, pp 6&10.

Brutcher Tr 4115
$5.80

Sci - Engr

Jun 58

65,728

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Electrical Characteristics of (illegible)
Carbon-Dioxide Shielded Welding, by A. G.
Misol', K. K. Khrenov.

RUSSIAN, per, Svarochnoe Proisvodstvo, No 8,
1957, pp 31-34.

Henry Brutcher 4463
$4.90

Sci. - Engr [redacted] British Iron and
Steel. Ind 1115

Apr 59

84,251

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Welding of Metals by Friction, by V. I. V[illegible]

RUSSIAN, per, Svarochnoe Proizvodstvo, [illegible]
1957, No 9, pp 19-23.

Brutcher 4502

Sci - Min/Met

Jun 59

90,038

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

The MST-1 Machine for Friction Butt Welding, by M. M. Shpeizman.

RUSSIAN, per, Svaroch Proiz, No 9, 1957, pp 23, 24.

HB 4937

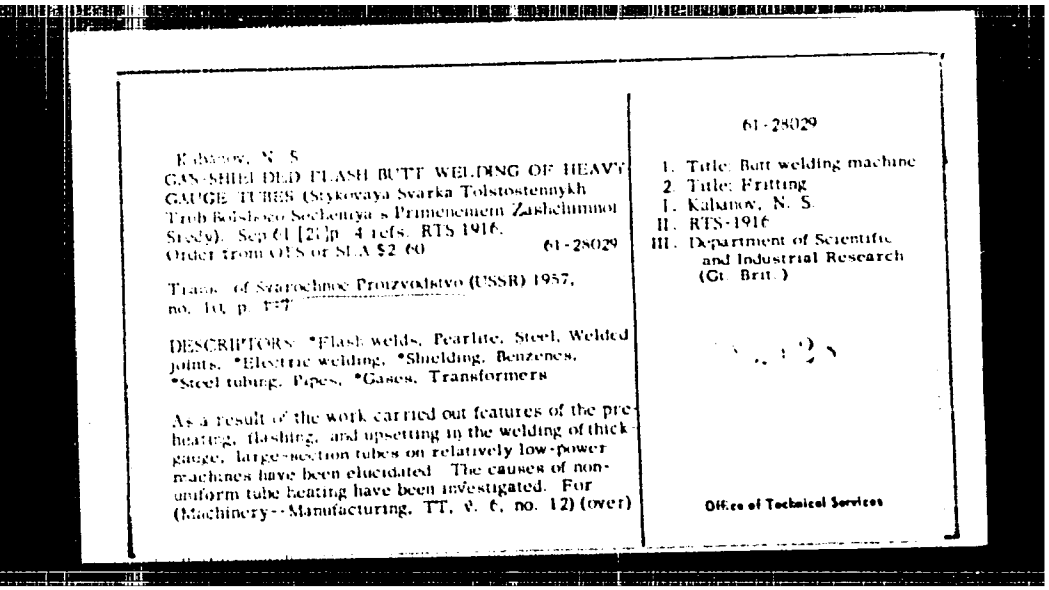
Sci - Engr

Apr 61

147,427

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9



Kalanov, N. S.
GAS-SHIELDED FLASH BUTT WELDING OF HEAVY GAUGE TUBES (Stykovaya Svarka Tolstostennykh Trub Bolshogo Sechenlya s Primeneniem Zashchitnoi Sredy). Sep 61 [20]p 4 refs. RTS 1916.
Order from OTS or SLA $2.60 61-28029

Trans. of Svarochnoe Proizvodstvo (USSR) 1957, no. 10, p. 37

DESCRIPTORS: *Flash welds, Pearlite, Steel, Welded joints, *Electric welding, *Shielding, Benzenes, *Steel tubing, Pipes, *Gases, Transformers

As a result of the work carried out features of the pre-heating, flashing, and upsetting in the welding of thick gauge, large-section tubes on relatively low-power machines have been elucidated. The causes of non-uniform tube heating have been investigated. For
(Machinery--Manufacturing, TT, v. 6, no. 12) (over)

61-28029

1. Title: Butt welding machine
2. Title: Fitting
I. Kalanov, N. S.
II. RTS-1916
III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

The Prevention of Cracking in the welding of AlMg Aluminium Alloy, by N. D. Porbnoi, [illegible] Heinrichsdorf. UNCL

RUSSIAN, per, Svaroch Proiz, No 10, 1957, pp 16-18.

BWRA Tr 16/59
British Welding Research Assoc
Abington Hall
Abington, Cambridge

Feb 60

106,714

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Automatic Welding in Carbon-Dioxide Gas of Fixed Joints of Low Carbon Pipes, by A. I. Akulov.

RUSSIAN to GERMAN, per, Svaroch Proiz, No 10, 1957, pp 25-29.

ID-U 681

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Uebersetzungsnachweis
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Dec 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Resistance Butt Welding of Tubes in a Shielding of Nitrogen, by N. S. Rabanov.

RUSSIAN, per, Svarochnoy Proiz, No 12, 1957, pp 30-31.

NLL/NTS 1912

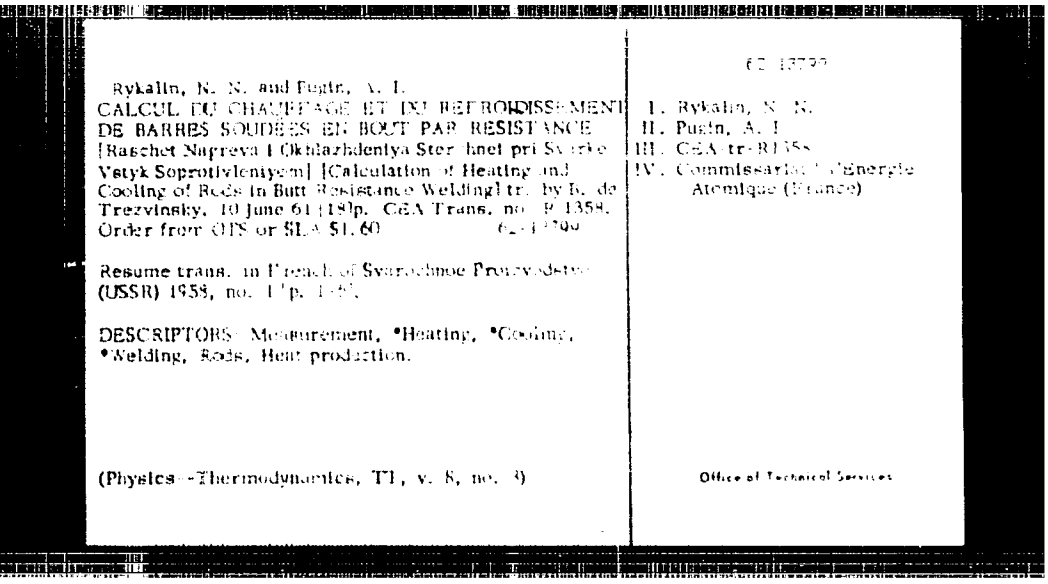
Sci. - Min/Met

193,825

Apr 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9



Rykalin, N. N. and Pugin, A. I.
CALCUL DU CHAUFFAGE ET DU REFROIDISSEMENT DE BARRES SOUDÉES EN BOUT PAR RESISTANCE [Raschet Nagreva i Okhlazhdeniya Sterzhnei pri Svarke Vstyk Soprotivleniyem] [Calculation of Heating and Cooling of Rods in Butt Resistance Welding] tr. by B. de Trezvinsky, 10 June 61 189p. CEA Trans. no. R 1358. Order from OTS or SLA $1.60 6[illegible]

Resume trans. in French of Svarochnoe Proizvodstvo (USSR) 1958, no. 1 p. 1-5.

DESCRIPTORS: Measurement, *Heating, *Cooling, *Welding, Rods, Heat production.

(Physics--Thermodynamics, TT, v. 8, no. 4)

62 [illegible]

I. Rykalin, N. N.
II. Pugin, A. I.
III. CEA tr-R1358
IV. Commissariat à l'Energie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

The Determination of the Rate Value of a Defect in a Weld Joint by X-Ray Photography, by K. G. Goryacheva. UNCL

RUSSIAN, per, Svaroch Proiz, No 1., 1958, pp 12-14.

*TII. 5106

Sci - Phys
Apr 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Welded Gear Wheel Designs, by V. I. Dzen'. UNCL

RUSSIAN, per, Svarochnoye Proiz, Jan 1958, pp 19-21.

British Iron and Steel Ind 1377
(L3 15a.01.)

Sci - Engr
Sep 59

96, 031

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Welding With UONI-13 Electrodes on Alternating Current, With a Pulse Generator, by M. L. Fakel'man, et al.

RUSSIAN, per, Svarochnoe Proizvodstvo, No 1, 1958, pp 27, 28.

Henry Brutcher 4454
$3.90

Sci - Engr

Apr 59

84,315

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

New Type Electrode, Shanghai-57-1, for Welding of Constructional Steels, by Weng-ling Wei.

RUSSIAN, per, Svarochnoye Proizvodstvo, No 1, 1958, pp 30,-31.

HB 4669

Sel - Engr

Nov 59

101, 232

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Incorporation of Aqueous Solutions of Potassium Dichromate Into Electrodo Coatings, by N. A. Gorpenyuk, A. V. Pechatnov.

RUSSIAN, per, Svaroch Proiz, No 1, 1958, p 32.

HB 4699
/6\

Sci - Chem

Dec 59

104,354

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Quantitative Metallographic Determination of Alpha Phase in Austenitic Weld Metal, by A. D. Kuznetsova-Sadovnikova.

RUSSIAN, per, Svarochnoe Proizv, No 1, Jan 1958, pp 34-36.

Henry Brutcher 4294

$1.75

Sci - Min/Met

Cnt 58

74,939

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Dosage de la Phase-α Dans le Metal Austenitique D'un Cordon de Soudure Par la Methode Metallographique. (Determination of the α Phase in the Austenite Metal of Welding Ring by the Metallographic Method), by A. D. Kuznetsova-Sadovnikova, 6 pp.

RUSSIAN, FRENCH, per, Svarochnoe Proiz, No 1, 1953, pp 34-36.

Reverse trans
CEA tr H-710

Jan 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

New Capacitor Machines for Spot-Welding Thin Metal, by V. E. Moravskiy.

RUSSIAN, per. Svarochnoe Proiz, No 1, 1958, pp 40-42.

Jan 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

CO_2 Welding of Heat Stable Pearlite 20 KhMFL, by V. N. Suslov, S. I. Klepikov.

RUSSIAN to GERMAN, per, Svaroch Proiz, No 1, 1958, pp 65, 66.

ID-U 721

Institut fuer Dokumentation-
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Unter den Linden 8

Dec 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Prokhorov, N. N. and Bochay, M. P.
MECHANICAL PROPERTIES OF ALUMINUM ALLOYS IN THE CRYSTALLIZATION TEMPERATURE RANGE DURING WELDING (Mekhanicheskiye Svoystva Alyuminiyevykh Splavov v Intervale Temperatur Kristallizatsii pri Svarke). Apr 61 [15]p. 5 refs. RTS 1831.
Order from OTS or SLA $1.60 61-19940

Trans. of Svarochnoye Proizvodstvo (USSR) 1958, no. 2, p. 1-6.

DESCRIPTORS: *Aluminum alloys, Mechanical properties, *Crystallization, *Temperature, *Welding, Fracture (Mechanics), Manufacturing methods.

Tests showed that fracture in the brittleness temperature range causes deformations that are concentrated in zones adjacent to the fracture. If the alloy has been heated up to the two-phase temperature, its grains are (Metallurgy, TT, v. 6, no. 9) (over)

61-19940

I. Prokhorov, N. N.
II. Bochay, M. P.
III. RTS-1831
IV. Department of Scientific and Industrial Research (Gt. Brit.)

185521

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Automatic CO_2 - Shielded Welding of 20KhMA Steel, by M. I. Mikhlovskiy.

RUSSIAN, per, Svarochnoye Proizvodstvo, 1958, No 2, pp 7-10.

Co-op Tr Scheme 600

USSR

Sci - Min/Met

Mar 59

82,485

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Orlov, B. D., Shavyrin, V. N., and Novosel'tsev, N. A.
THE STRENGTH OF SPOT WELDED JOINTS IN ALLOY D16AT (O Prochnosti Soedinenii iz Splava D16AT, Vypolnennykh Tochechnoi Svarkoi). Dec 61 [14]p. 4 refs. RTS 1983.
Order from OTS or SLA $1.60 62-13746

Trans. of Svarochnoe Proizvodstvo (USSR) 1958, no. 2, p. 14-18.

DESCRIPTORS: *Welded joints, *Spot welds, Mechanical properties, *Aluminum alloys, Aircraft industry, *Electric welding, Tests, Sheets, Fatigue (Mechanics), Riveted joints, Load distribution, Welding.

During static loading, the shear strength of welded D16AT joints is superior to the strength of analogous (Machinery--Manufacturing, TT, v. 7, no. 10) (over)

62-13746

1. Title: D16AT alloys
2. Title: Duralumin
I. Orlov, B. D.
II. Shavyrin, V. N.
III. Novosel'tsev, N. A.
IV. RTS-1983
V. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Bazhenov, V. V. and Fedyaeva, T R
ELECTRODES FOR WELDING HEAT-RESISTING CHROMIUM STEEL. [Elektrody dlya Svarki Teploustoichivoi Khromistoi Stali]. Jan 60.
Order from MT MT Trans-46
Trans. of Svarochnoe Proizvodstvo (USSR) 1958, no. 3, p. 26-29.

DESCRIPTORS: *Chromium, *Steel, Welding, *Electrodes, Heat resistant alloys.

(Metallurgy--Ferrous Metals, TT, v. 6, no. 5)

61-22836

I. Bazhenov, V. V.
II. Fedyaeva, T. R
III. MT Trans-46
IV. Tollemache, M. de O. (Gt. Brit.)

180553

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

The Effect of Certain Alloying Elements on the Properties of Weld Joints of Titanium and Its Alloys, by M. Kh. Shorshorov, 8 pp.

RUSSIAN, per, Svarochnoye Proiz, No 3, 1958, pp 30-33. 3026099

Sci

May 61

150,746

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Mechanization and Automation of Welding in the Automobile Industry, by G. F. Lbov. 8 pp.

RUSSIAN, per, Svarochnoye Proiz., No 4, 1960, pp 5-10.

ISB-102

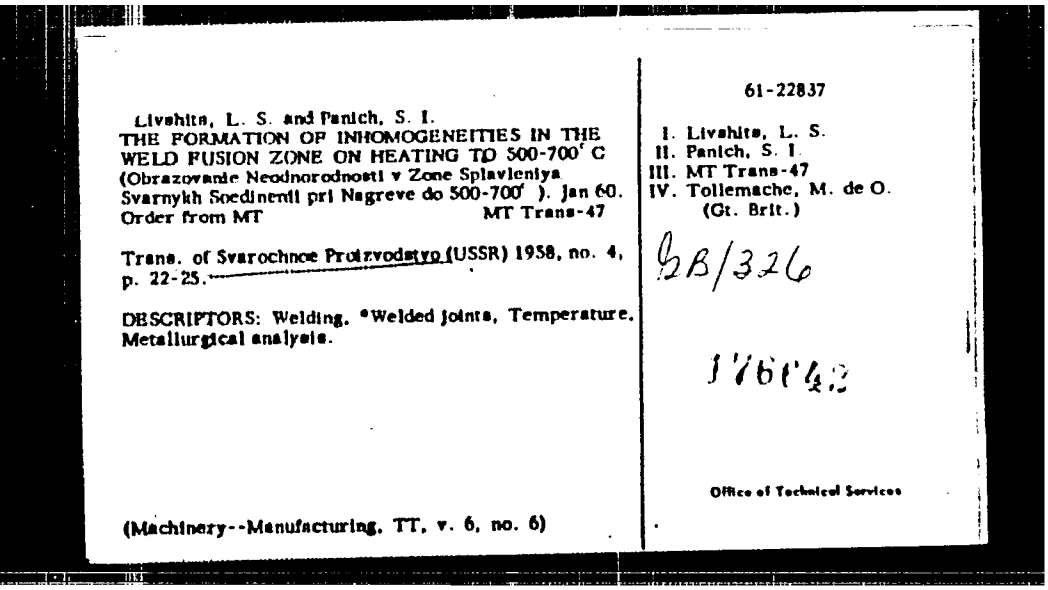
SLA 60-14133

169,361

Sci
Sep 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9



Livshits, L. S. and Panich, S. I.
THE FORMATION OF INHOMOGENEITIES IN THE WELD FUSION ZONE ON HEATING TO 500-700° C (Obrazovanie Neodnorodnosti v Zone Splavleniya Svarnykh Soedinenii pri Nagreve do 500-700°). Jan 60. Order from MT MT Trans-47

Trans. of Svarochnoe Proizvodstvo (USSR) 1958, no. 4, p. 22-25.

DESCRIPTORS: Welding. *Welded joints, Temperature. Metallurgical analysis.

(Machinery--Manufacturing, TT, v. 6, no. 6)

61-22837

I. Livshits, L. S.
II. Panich, S. I.
III. MT Trans-47
IV. Tollemache, M. de O. (Gt. Brit.)

GB/326

176143

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Effect of Vibrations on Solidification and Structure of Metal Deposited in Slag-Welding Process, by F. F. Benua, et al.

RUSSIAN, per, Svarochnoye Proiz, May 1958, pp 1-5.

*Henry Brutcher

Apr 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Underwater Arc Welding of Steel, by T. I. Avilov.

RUSSIAN, per, Svar Proiz, 1958, No 5, pp 12-14.

HB 5047

Sci - Engr
Oct 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Ultrasonic Inspection of Weldments at the Leningrad Metal Works, by S. N. Antonov.

RUSSIAN, per, Svarech Proiz, No 5, 1958, pp 34-46.

HB 5053

Sci - Engr

Jul 61

162,758

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

On the Mechanism of Brittle Fracture in Steel, by B. S. Mastkin. UNCL

RUSSIAN, per, Stanok Proiz, No 6, 1958, pp 28-29.

DSIR LIB RTB 1414

possibly *ABC
(12s. 6d.)

Sci - Min/Met

Mar 60

111,080

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Improvements in Arc Welding of Studs, by D. I. Vaimboim,

RUSSIAN, per, Svarochnoe Proizvodstvo, No 6, 1958, pp 36-41.

ATS RJ-1750

Sci - Engr
Jul 59

ATS 32490

90,472

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Determining Suitable Conditions for Flame Case-Hardening.

RUSSIAN, per, Svaroch Proizvod, No 6, 1958, pp 41-49.

RTS/1482 (SBIR LLU)

167, 488

Sci - Engr

Sep 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

The Development of Electrode Wires for Welding Low Carbon and Low Alloy Steels in Carbon Dioxide Gas, by N. M. Novozhilov, A. M. Sokolova.

RUSSIAN, per, Svarocn Proiz, No 7, 1958, pp 10-14.

DSIR LLU RTS 1604

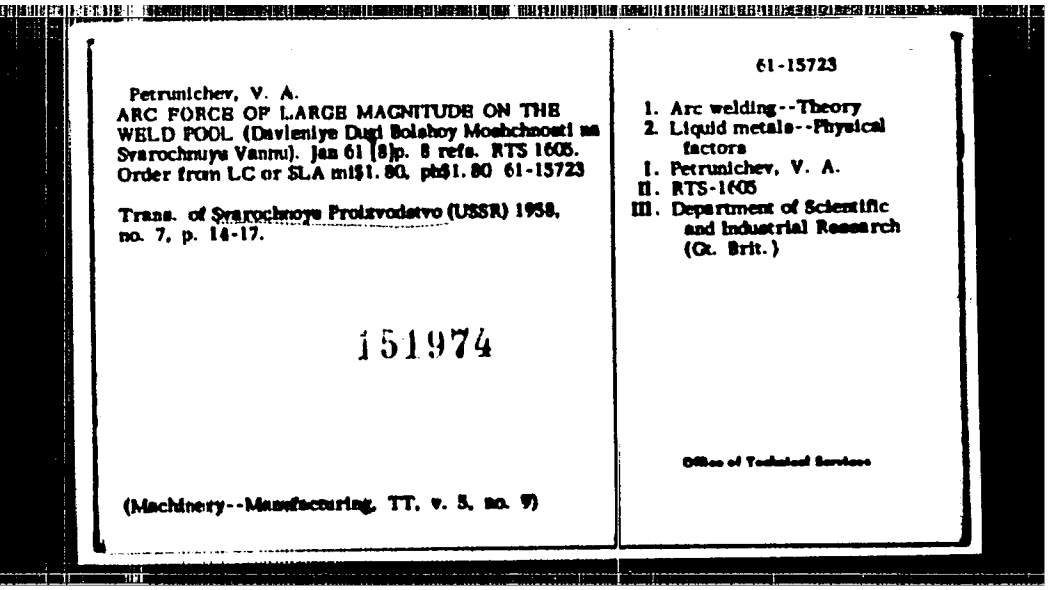
Sci - Engr

128,858

Oct 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9



Petrunichev, V. A.
ARC FORCE OF LARGE MAGNITUDE ON THE WELD POOL (Davleniye Dugi Bolshoy Moshchnosti na Svarochnuyu Vannu). Jan 61 [8]p. 8 refs. RTS 1605. Order from LC or SLA ml$1.80, ph$1.80 61-15723

Trans. of Svarochnoye Proizvodstvo (USSR) 1958, no. 7, p. 14-17.

151974

(Machinery--Manufacturing, TT, v. 5, no. 9)

61-15723

1. Arc welding--Theory
2. Liquid metals--Physical factors
I. Petrunichev, V. A.
II. RTS-1605
III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Bending of Brass to Steel With a Gas Flame, by
I. A. Menayendnikov.

RUSSIAN, par, Svarochnoye Proiz. No 7, 1958,
pp 35-38.

Henry Brutcher 4517
$4.90

Sci - Engr

May 59

86,637

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Mehtod of Estimating the Cold Crack Resistance of Steels after Welding, N. N. Prokhorov and E. L. Marakarov
RUSSIAN per, Svar. Proizv. Vol 9: 15-18
1958
CRL/D 708

Sci-mat
July 60 385 807

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Effect of Electrode Vibration on Arc Welding Process and on Weld Properties, by A. A. Alov, V. B. Vinogradov,

RUSSIAN, per, Svarochnoye Proizvodstvo, No 9, 1958, pp 19-22.

KS 4670

Sci - Engr

101, 233

Nov 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Ultrasonics in Soviet Welding Practice.

RUSSIAN, per, Svarochnoye Prizvodstvo, No 9, 1958, p 24.

OTIA 22

Sci - Engineering, Electronics, Minerals/Metals
Jun 59

90,067

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Effect of Boron on Weld Hot Cracking of Nickel-Chrome-Tungsten Austenitic Steels, by A. V. Russiyan, M. Shorshorov.

RUSSIAN, per, Svarochnoe Proizvodstvo, No 10, 1958, pp 14-18.

HB 4812

Sci-Materials & Metallurgy
July 63

253,783

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

A New Arc-Spot Welding Method, by A. Ya. Brodskiy. UHCL

RUSSIAN, per, Svarochn Proiz, No 10, 1958, pp 18-21.

DSIR LLU RTS 1262

(10s. 0d.)

102,505

Sci - Engr
Dec 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Precision Automatic Arc Welding With Non-Consumable Electrode in a Hydrogen Medium, by F. I. Kislyuk, et al. UNCL

RUSSIAN; per, Svarochnoye Proizvodstvo, No 10, 1958, pp 26-29.

DSIR LLU FTS 1199

(10s. 0d.)

100/774

Sol - Engr
Nov 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Automatic Welding and Cutting at the Zavodov Heavy Machine Construction Works, by N. P. Anfimov. UMCL

RUSSIAN, per, Svaroch Proiz, No 10, 1958, pp 29-30.

DSIR LLU RTS 1274

(5s. 0d.)

Sci - Engr
Nov 59

100,775

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Welding-Up of a Crack in a Medium-Carbon Steel Casting, by A. I. Peshchenko. UNCL

RUSSIAN, per, Svaroch Proiz, No 11, 1958, pp 30-.

DSIR LLU RTS 1198

(2s. 6d.)

Sci - Engg
Nov 59

109,778

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Welding Repairs to Large Motors on Rolling Mills, by N. S. Barbanov. UNCL

RUSSIAN, per, Svaroch Proiz, No 10, 1958, pp 35-37.

DSIR LIN RTS 1205

(7s. 6d.)

Sol - Engr
Nov 59

100,776

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

A Procedure for Determining the Impact Strength and Cold-Shortness of Manual and Semi-Automatic Welds, by M. M. Kraychik, M. V. Pashkov. UNCL.

RUSSIAN, per, Svarochn Proiz, No 11, 1958, pp 7-10.

DSIR LLU RTS 1176

(7s. 6d.)

102,506

Sci - Engr
Dec 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

The Effect of Low-Frequency Vibrations on Metal Crystallization in the Weld Pool and on the Properties of the Weld Metal, by V. L. Russo, P. N. Efimov. UNCL

RUSSIAN, per, Svaroch Proiz, No 11, 1958, pp 10-12.

HS 4913
DSIR LLU RMS 1200
(7a. 6d.) 107220
Sci - Engr
Feb 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Research Work on the Pressure Welding of Pipes,
by V. D. Taran. UMCL

RUSSIAN, per, Svaroch Proiz, No 11, 1958,
pp 12-14.

DSIR LIB RTS 1263

(8 7s. 6d.)

102, 508

Sci - Engr
Dec 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Influence of Double-Arc Welding Procedure on the Fusion of the Electrodes and the Base Metal, by U. N. Sherstyuk.

RUSSIAN, per, Svarochnoe Proizvodstvo, No 11, 1958, pp 15, 16.

CSIRO

118,576

Sci - Min/Metals

Jun 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

The Automatic Submerged-Arc Overhead Welding of Pipes, by A. S. Pal'kevich, et al. UNCL

RUSSIAN, per, Svaroch Proiz., No 11, 1958, pp 19-23.

DSIR LIB RTS 1197

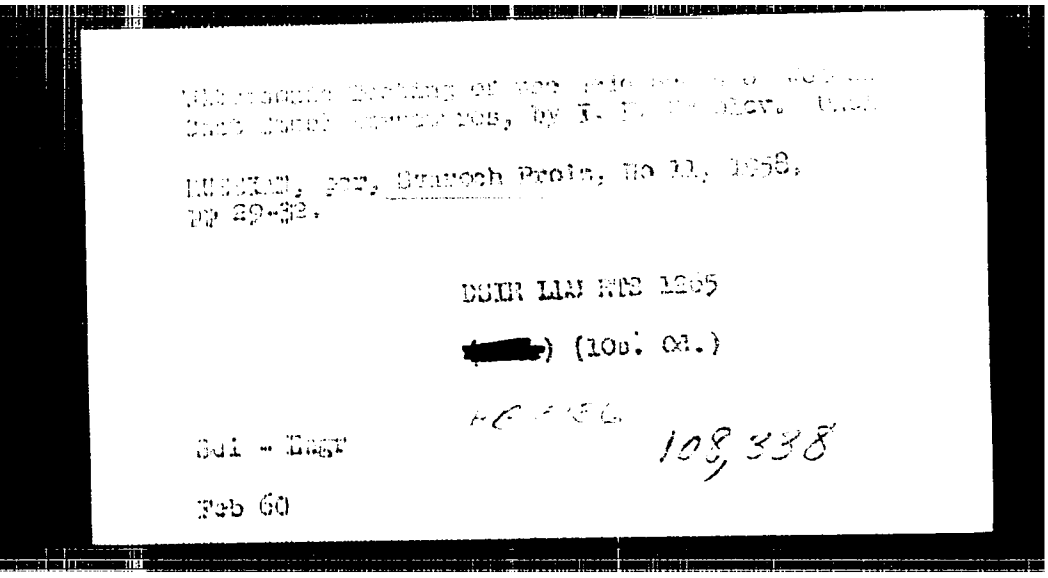
(10s. 0d.)

Sci - Engr
Nov 59

100,777

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9



[illegible] Branch Point, No 11, 1958,
pp 29-32.

DDIR LIN NO 1965

[redacted] (10p. ill.)

AC-456 108,338

Sui - East

Feb 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

The Economy of Arcair Cutting, by I. S. Shapiro.
UNCL.

RUSSIAN, per, Svaroch Proiz, No 11, 1958,
pp 33-34.

DSIR LLL RTS 1273

(5s. 0d.)

102,507

Sci - Engr
Dec 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Equipment for Welding by Friction of a Lathe, by M. I. Kunis, A. I. Korablev. UNCL

RUSSIAN, per, Svaroch Proiz, No 11, 1958, pp 37, 38.

DSIR LLU RTS 1426

(5s.)

Sci - Engr
May 60

116/606

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

The Fatigue Strength of Butt-Jointed I-Beams,
by R. Z. Manilova. UNCL

RUSSIAN, per, Svarochn Proiz, No 12, 1956,
pp 9-13.

DSIR LLL RTS 1208

(10s.0)

Sci - Engr
Feb 60

107221

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

The Thermal Balances and Materials for Oxygen Cutting, by S. G. Guzov. UKCL

RUSSIAN, per, Svaroch Proiz, No 12, 1958, pp 13-17.

DSIR LLU MTS 1202

(10s. 0d.)

Sci - Engr
Nov 59

109,779

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Experimental Electroslag Welding of Type 1KH18N9T Steel, by A. G. Fomin. UNCL

RUSSIAN, per, Svaroch Proiz, No 12, 1958, pp 21-23.

OTS 60-33670
DSIR LLU RTS 1201

(7s. 6d.)

113030

Sci - Engr
Apr 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

(NY-3120).

A. N. Shashkov (60th Birthday), 2 pp.

RUSSIAN, per, Svarochnoye Proiz, No 12, 1958, p 36.

JPRS-L-1103-N

Sci - Mass
Jan 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Welding, by Yu. A. Maslov, 54 pp.

RUSSIAN, bk, Svarochnoe Proizvodstvo, 1959, pp 1-53. 9670557

FTD-MIL-805/1

Sci - Engr

164,361

Aug 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Krupin, A. F.
PHYSICO-CHEMICAL PROCESSES AT SPRAY METALLIZATION (K Voprosu o Fiziko-Khimicheskikh Protsessakh pri Metallizatsii Raspyleniem). [1963] [17p] (foreign text included) 7refs
Order from OTS, SLA, or ETC $1.60 TT-64-14059

Trans. of *Svarochnoe Proizvodstvo (USSR) 1959, no. 5, p. 17-20.

(Metallurgy--Ferrous Metals, TT, v. 11, no. 12)

TT-64-14059

1. Krupin, A. F.

Office of Technical Services

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Manual Electroarc Welding, by Yu. A. Maslov, 17 pp.

RUSSIAN, bk, Svarochnoe Proizvodstvo, 1959, pp 102-116. 9670557

FTD-MCL-805/1

Sc1 - Engr

164362

Aug 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Automatic Electric Arc Welding Under Flux, by
Yu. A. Maslov, 37 pp.

RUSSIAN, bk, Svarochnoe Proizvodstvo, 1959,
pp 169-202. 9670557

FTD-MIL-63805/1

Sci - Engr

164,363

Aug 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Electric Resistance Welding, by Yu. A. Maslov,
Mz 24 pp.

RUSSIAN, bk, Svarochnoe Proizvodstvo, 1959,
pp 217-240. 9670557

FTD-MCL-805/1

Sci - Engr

164,364

Aug 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

On the Design of Electrode Coatings for Arc Welding, by A. A. Ivodkin. USSR.

RUSSIAN, per, Svarochn Proiz, No 1, 1959, pp 16-20.

DSIR
[redacted] LLW RTS 1421

(12s. 6d.)

Sol - Engr

Mar 60

111,081

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Longitudinal Seam Welding of Large-Diameter Pipes by High-Frequency Resistance Heating, by M. P. Glukhanov. UNCL

RUSSIAN, per, Svarech Proiz, Feb 1959, pp 6-8.

BISI 1489

(L2 10s.0d.)

103,074

Sci - Engr
Dec 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

The Influence of the Flux on the Properties of Welded Joints in High-Strength Steel, by K. V. Lyubavsky, et al.

RUSSIAN, per, Svarch Proiz, No 2, 1959, pp 23-25.

BIBI 2348

Sci - Chem

168, 448

Sep 61

list 110

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

R-2543 (NY-8923).

The Production of Pipe for Gas and Oil Trunk Lines, by R. I. Lashkevich, 6 pp.

RUSSIAN, per, Svarochnoye Proizvodstvo, No 3, 1959, pp 4, 5.

JPRS-L-996-N

USSR
Econ - Technological - Pipelines
Oct 59

98496

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Shishkin, V. Yu. [Navrotskii, D. I.] and others. THE MECHANICAL PROPERTIES OF WELDED JOINTS IN 10G2SD (MK) STEEL [Mekhanicheskie Svoistva Svarnykh Soedinenii Stali 10G2SD(MK)]. Jan 60. Order from MT MT Trans-50

Trans. of Svarochnoe Proizvodstvo (USSR) 1959, no. 8, p. 12-15.

DESCRIPTORS: *Steel, *Welded joints, Mechanical properties.

(Metallurgy--Ferrous Metals, TT, v. 6, no. 5)

61-22840

I. Shishkin, V. Yu.
II. Navrotskii, D. I.
III. MT Trans-50
IV. Tollemache, M. de O. (Gt. Brit.)

180556

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Instrument for Measuring Transient Deformations in Welded Joints, by K. K. Khrenov, I. M. Zhdanov.

RUSSIAN, per, Svarochnoe Proiz, No 3, 1959, pp 16-18.

DSIR M. 2674

Sci - Engr

Sep 61

168,569

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

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Tsal'man, L. B.
ELIMINACION DE DEFORMACIONES EN LAS CONSTRUCCIONES SOLDADAS, MEDIANTE SOPLETE OXIACETILENICO (Pravka Svarnykh Konstruktsii Nagrevom Atsetilemo-Kislorodnym Plamenem) (Elimination of Welded Structure Deformations Employing the Oxyacetylene Blowtorch). 12p. CID: 62-237. Order from OTS, ETC or CID $0.80 62-29237

Trans. in Spanish of Svarochnoe Proizvodstvo (USSR) 1959, no. 3, p. 29-31.

DESCRIPTORS: *Welds, Arc welding, *Deformation, *Torches, Acetylenes, Oxygen.

(Metallurgy, TT, v. 10, no. 7)

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[redacted] Welded Rivets, by A. P. Berezhov, V. N. Andreev, 6 pp.

RUSSIAN, per, Svarochn Prots, No 3, 1959, pp 35-37.

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Sci - Engineering

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114 700

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SVAROCHNOYE PROIZVODSTVO

NOS, 4, 1959 - No 12, 1964

COVER - COVER:BRITISH WELD RES ASSOC.

AVAIL LY SERIALS

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870065-9

Argon-Arc Welding With Additional Argon Stream, by A. A. Alov, V. M. Shmakov, 9 pp.

RUSSIAN, per, Svarochnoye Proiz, No 3, 1962, pp 13-16. 9680519

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Sci-Engr
Apr 63

229,405

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